PYLE®

PSPL05R
USER MANUAL

www.pyleaudio.com

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1600 63RD STREET
BROOKLYN, NY 11204
718 535-1800
800 444-5671

IMPORTANT: Pack carefully in original carton if possible. We are not responsible for damage incurred in returning items for repair. A letter stating your exact street addres, daytime phone number, and the problem you are experiencing should be included. You must also enclose a copy of the original receipt a sproof of date of purchase

8. **OPERATING PROCEDURE**

① Power on the meter.

② Press 'LEVEL' button to select desired level, base on 'UNDER' or 'OVER' do not appear on LCD.

③ Select 'dBA' for general noise sound level and 'dBC' for measuring sound level of acoustic material.

④ Select 'FAST' for instant sound and 'SLOW' for average sound level.

⑤ Select 'MAX/MIN' button for measuring maximum and minimum noise level.

⑥ Hold the instrument comfortable in hand or fix on tripod and measure sound level at a distance of 1~1.5 meter.

9. **NOTICE**

i. Do not store or operate the instrument at high temperature and high humidity environment.

ii. When not in use for long time, please take out the battery to avoid battery liquid leakage and cautery on the instrument.

iii. When using the instrument in the presence of wind, it is a must to mount the windscreen to not pick up undesirable signals.

iv. Keep microphone dry and avoid severe vibration.

1. SAFETY INFORMATION

Read the following safety information carefully before attempting to operate or service the meter.

Use the meter only as specified in this manual:

- **Environment conditions**
  - ① Altitude lower than 2000 meters
  - ② Relatively humidity ≤90％RH
  - ③ Operation Ambient 0 ~ 40℃
- **Maintenance & Clearing**
  - ① Repair or servicing not covered in this manual should be performed by qualified personnel.
  - ② Periodically wipe the case with a dry cloth. Do not use solvents or eradicator on this instrument.
- **Safety symbols**

  Comply with EMC

2. FUNCTIONS DESCRIPTION

This Sound Level Meter is designed for noise project; quality control; illness prevention and cure and all kinds of environmental sounds measurement. It is applied to the sounds measurement at factory; school; office; traffic access and household, etc.

- This unit confirms to the IEC61672-1 CLASS2 for Sound Level Meters.
- MAX & MIN measurements
- Over range display
- Under range display
- A & C Weighting
- FAST & SLOW response

3. SPECIFICATION

Standard applied:	61672 -1 CLASS2
Accuracy:	±1.4dB
Frequency range:	31.5HZ ~ 8KHZ
Dynamic range:	50dB
Level ranges:	
(01)：30dB~80dB	
(02)：50dB~100dB	

Methods for each model are as below:

Press “level” button to up-adjust the data, and “max/min” button to down-adjust the data , press “hold” button to hold the data setup which you set and exit this model .

6. CALIBRATION PROCEDURES

① Make the following switch settings:

Frequency weighting: A-weighting

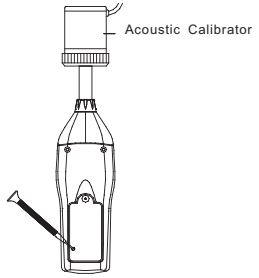
Time weighting: FAST

Level range: (02)/ 50 ~100dB

②Insert the microphone housing carefully into the 1/2 inch insertion hole of the calibrator（94dB @ 1kHZ）.

③Turn on the switch of calibrator and adjust the CALL potentiometer of the unit 94.0dB is displayed.

NOTE: All products are well calibrated before shipment. Recommended recalibration cycle: 1 year.



7. MEASUREMENT PREPARATION

① Remove the battery cover on the back and put in one 9V battery.

② Recover the back cover.

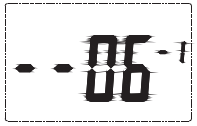
③ When battery voltage drops below the operating voltage or battery aging, this symbol will appear on LCD. Replace the 9V battery.

④ When the AC adapter is used, insert the plug of the adapter（3.5φ）into the DC 9V connector on the side panel.

show the date as following
DATE---28-08-2007(reading only)

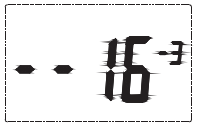
Press the 'A/C' second time, the display showing the time as following:
Time---16:58:18(reading only)

Press the 'A/C' third time, the display showing "minute" adjustment mode as below:



Press the 'A/C' fourth time, the display showing "hour" adjustment mode as below:

Press the 'SET UP' fifth time, the display showing "date" adjustment mode as below:



Press the 'SET UP' for the sixth time, the display showing 'month' adjustment mode as below:

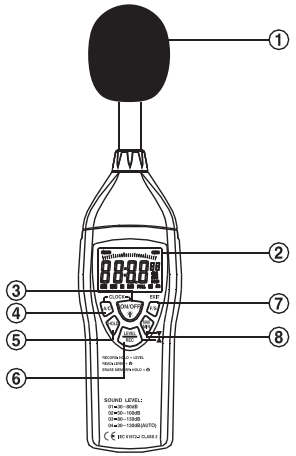
Press the 'SET UP' seventh time, the display showing "year" adjustment mode as below:

Press the 'SET UP' for the eighth time will enter the model of initialization, the display showing as below:
The display showing initialization of the time chip，press 'HOLD' to keep the setup；time and date have returned to factory setup. Keeping press the button "STE UP" if not intend to initialize. When the battery is exhausted or replaced, if the time can't be adjusted then please initialize the time chip first.

(03)：80dB~130dB
(04)：30dB~130dB (AUTO)

Frequency weighting:	A/C
Time weighting:	FAST (125ms), SLOW (1s)
Microphone:	1/2 inch electret condenser microphone
Display:	4 digits LCD display with a resolution of 0.1dB
Display Update:	2 times /sec.
MAX hold:	Hold the Maximum reading
MIN hold:	Hold the Minimum reading
HOLD:	Hold the readings
Alarm function:	"OVER" is when input is more than upper limit of range."UNDER" is when input is less than upper limit of range.
Analog spar:	Fast display of analog (20 times/ sec)
Data hold:	50 sets
Date:	Year、 month、 day
Time:	Hour、 minute、 second
Power supply :	One 9V battery, 006P or NEDA1604 or IEC 6F22.
Power life :	At least 30hours
Operation temperature and humidity:	0℃~40℃,10％RH~90％RH
Storage temperature and temperature:	-10℃~+60℃，10％RH~75％RH
Dimension :	210mm x 55mm x 32 mm
Weight :	230g

4. NAME AND FUNCTIONS



① **Windscreen**
② **LCD**：

SYMBOL	FUNCTION
LCD	4 digits for measurement of db
MAX	Maximum hold
MIN	Minimum hold
OVER	Over upper limit of range
UNDER	under minimum limit of range
FAST	Fast response to time weighting
SLOW	Slow response to time weighting
dBA	A-Weighting(response to human sense)
dBC	C-Weighting(response to machine monitor)
88	Range indicate(01 to 04)
REC	Recording data currently
FULL	Memory full
HOLD	Data hold function
	Low battery indicate

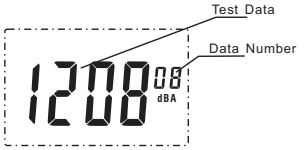
③ **Power on/off and backlight button**
Press the button one time for on /off of backlight, press the button continuously until the number 3,2,1 showing on the screen and then disappear for power off.

④ **Frequency weighting select button**
A：A-Weighting
C：C-Weighting

⑤**HOLD button:**
5.1 Data hold function
Press button 'HOLD' to freezes the reading in the display and press once more to exit the record..
5.2 Data zero function

Press the button continuously before power it on，loosen the button when the display showing 'CL' after the meter power on，which indicates that the data in DATALOGGER has been deleted.

⑥**Level range and REC functions**
6.1 Range select button
Each time you press 'LEVEL' button, the level range will change between 'Lo(01)' level, 'Med(02)' level, 'Hi(03)' level and 'Auto(04)' level in the circular.
6.2 REC record function (50)
Press button 'hold' to freeze data firstly, then press 'REC' to hold the data in meter's data-base when the display show REC means operation successful. Press "hold" again back to measure.
6.3 Data reading function
Press button 'REC' continually until the display of symbol "DATA" on screen, enter the model of reading:



Press "MAX" and "HOLD" button to read data's date and time, and "REC" button to read the next data, Press "FAST" button to exit this model.

⑦**MAX/MIN button: Maximum and Minimum hold**
Press this button for one time to enter MAX/MIN measurement, 'MAX' will appear on LCD, maximum sound level will be captured and held until higher sound level is captured. Press the button again, 'MIN' will appear on LCD and minimum sound level will be captured and held until new lower sound level is captured. Press the button one more time to exit MAX/MIN measurement.

⑧ **FAST/SLOW button:** time weighting selection
FAST：Fast sampling measurement, 1 time per 125mS.
SLOW：Slow sampling measurement, 1 time per second.

5 .The time chip adjustment

Press 'A/C' button and then power it on，when 'SET' symbol displays then loosen 'A/C'，the meter will be under time adjustment mode，at the time the display will